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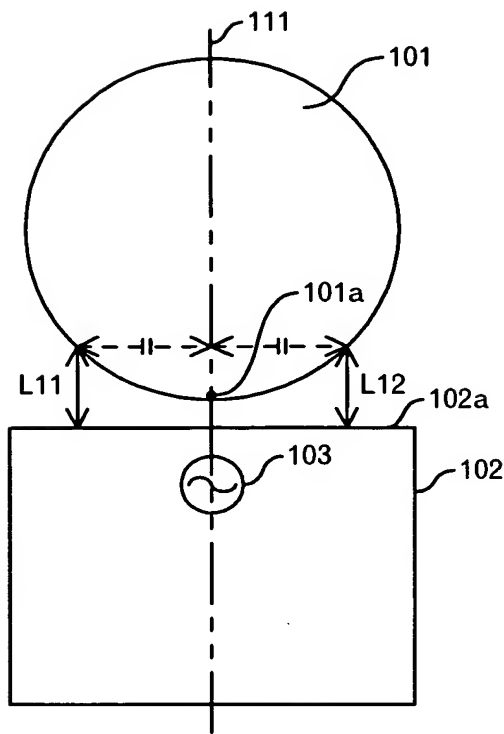


FIG. 1A

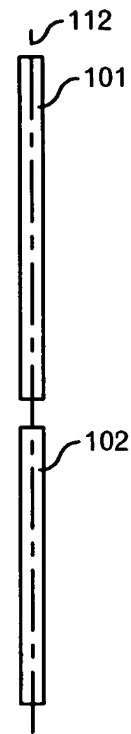


FIG. 1B

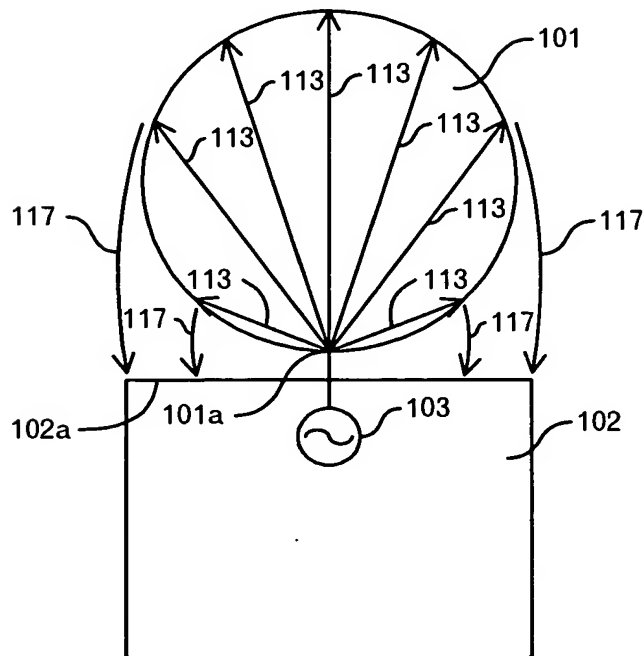


FIG. 2

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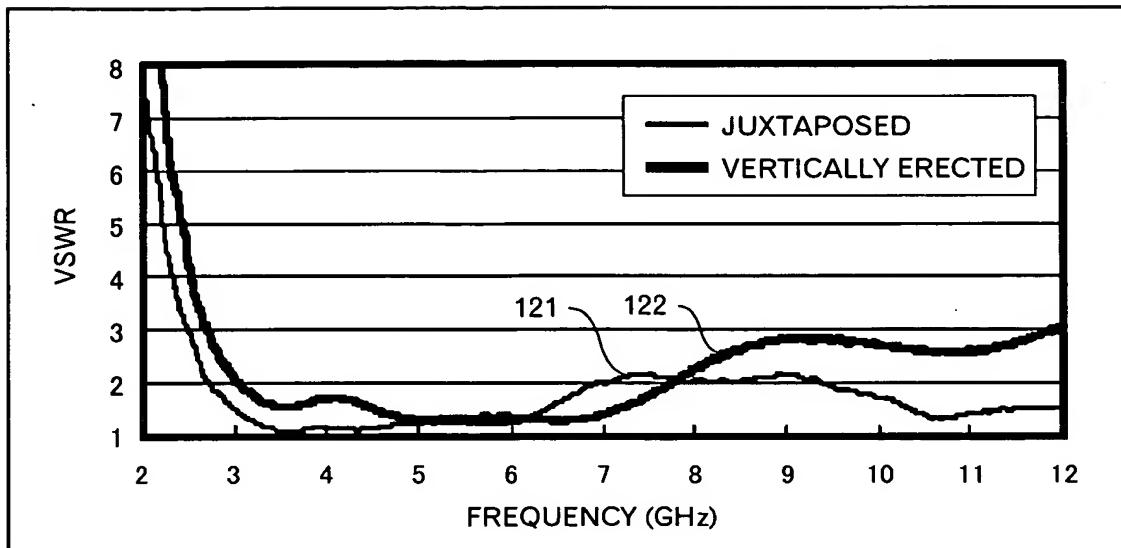


FIG.3

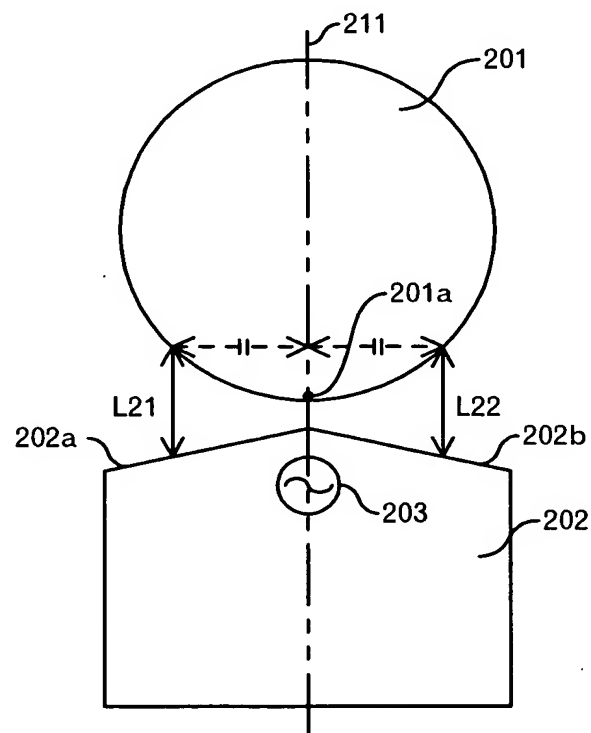


FIG.4

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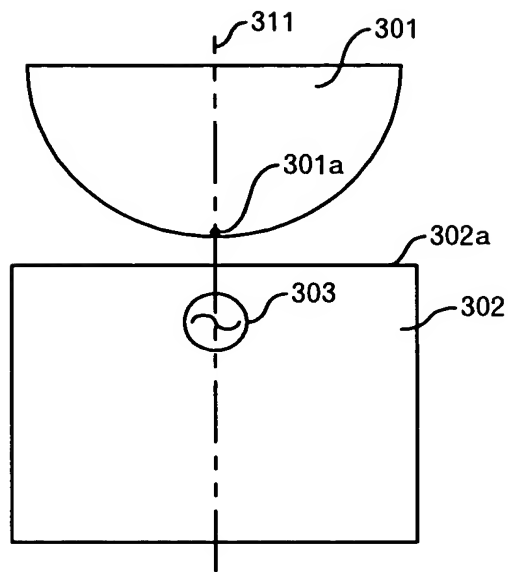


FIG. 5

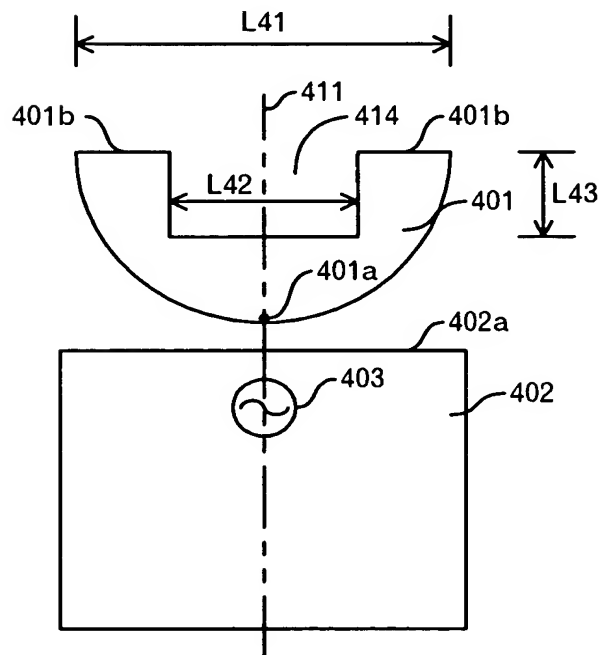


FIG. 6

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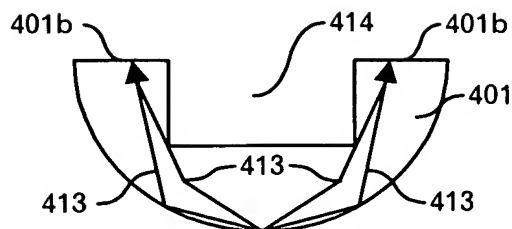


FIG.7

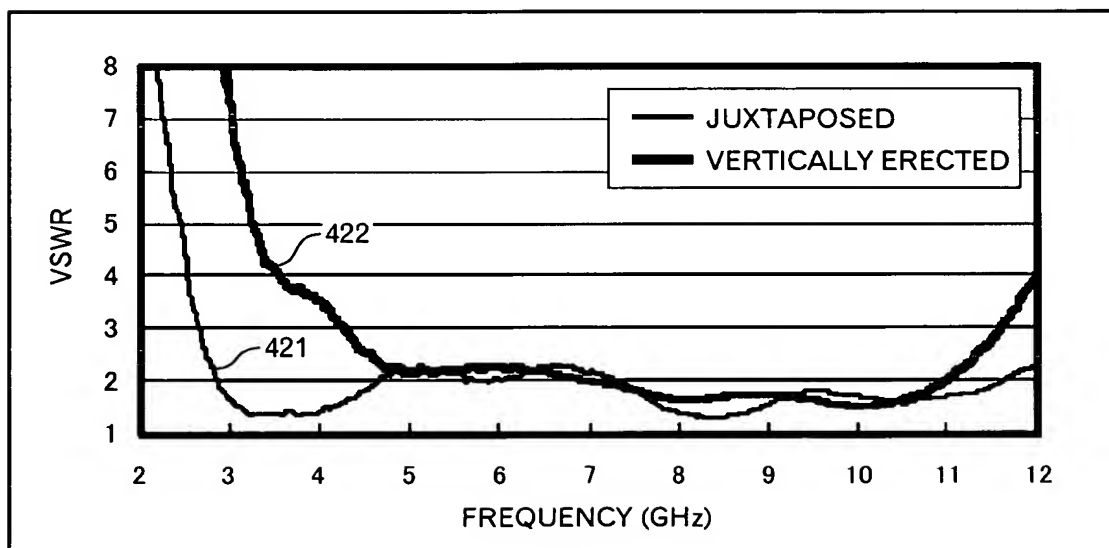


FIG.8

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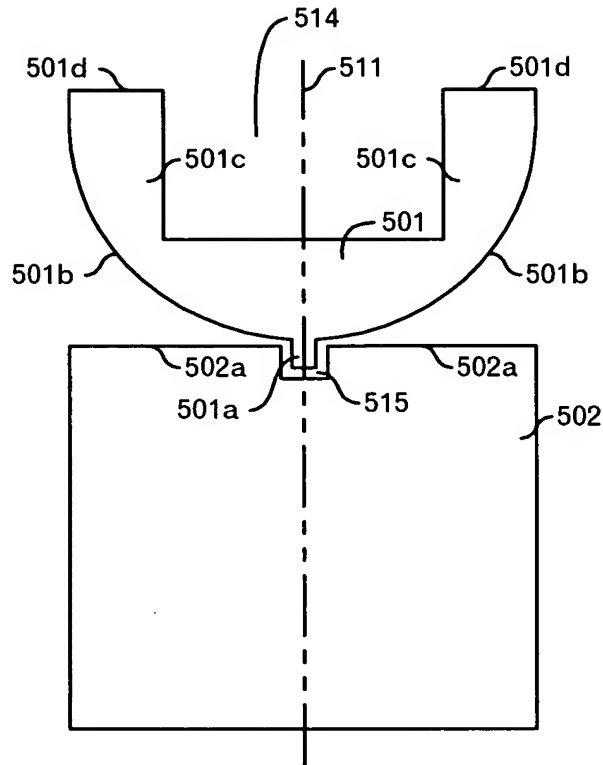


FIG.9

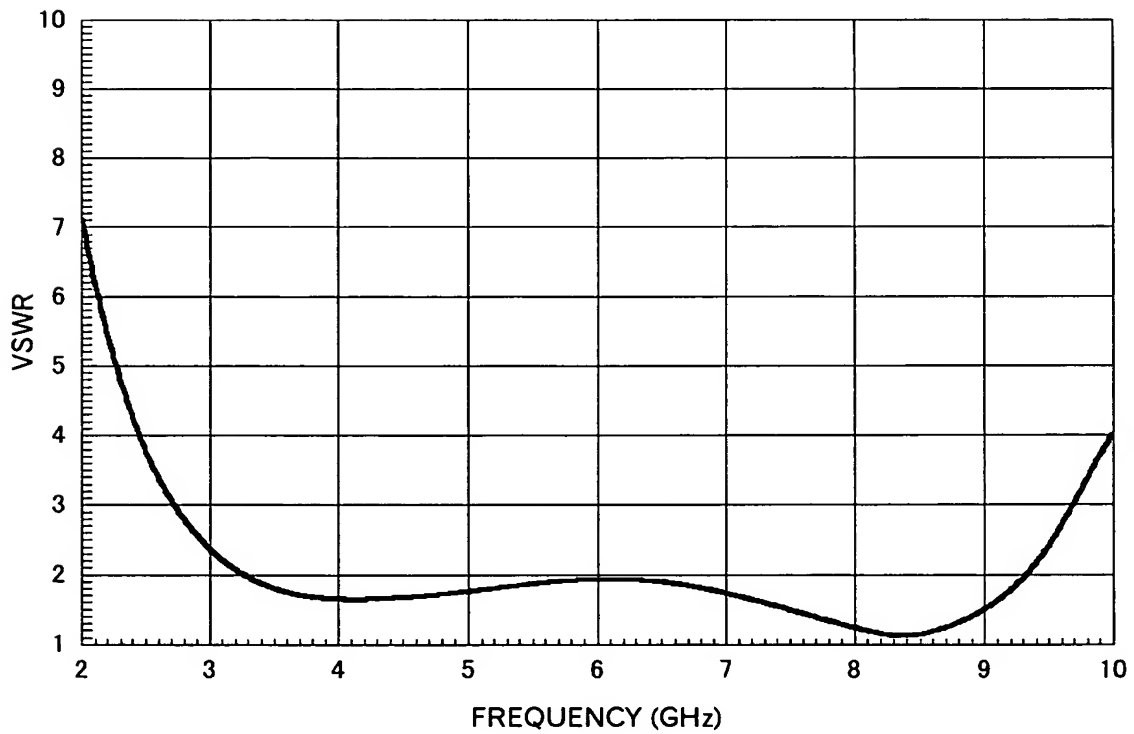


FIG.10

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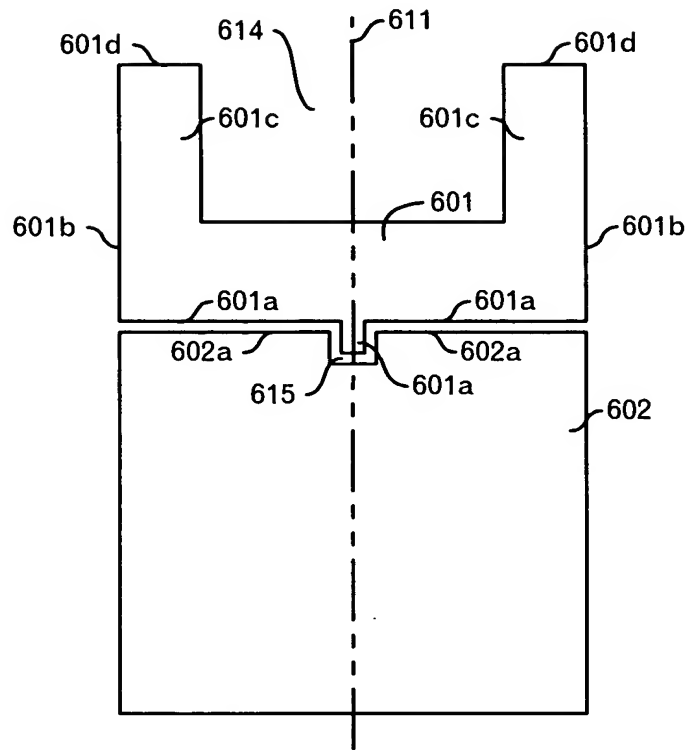


FIG.11

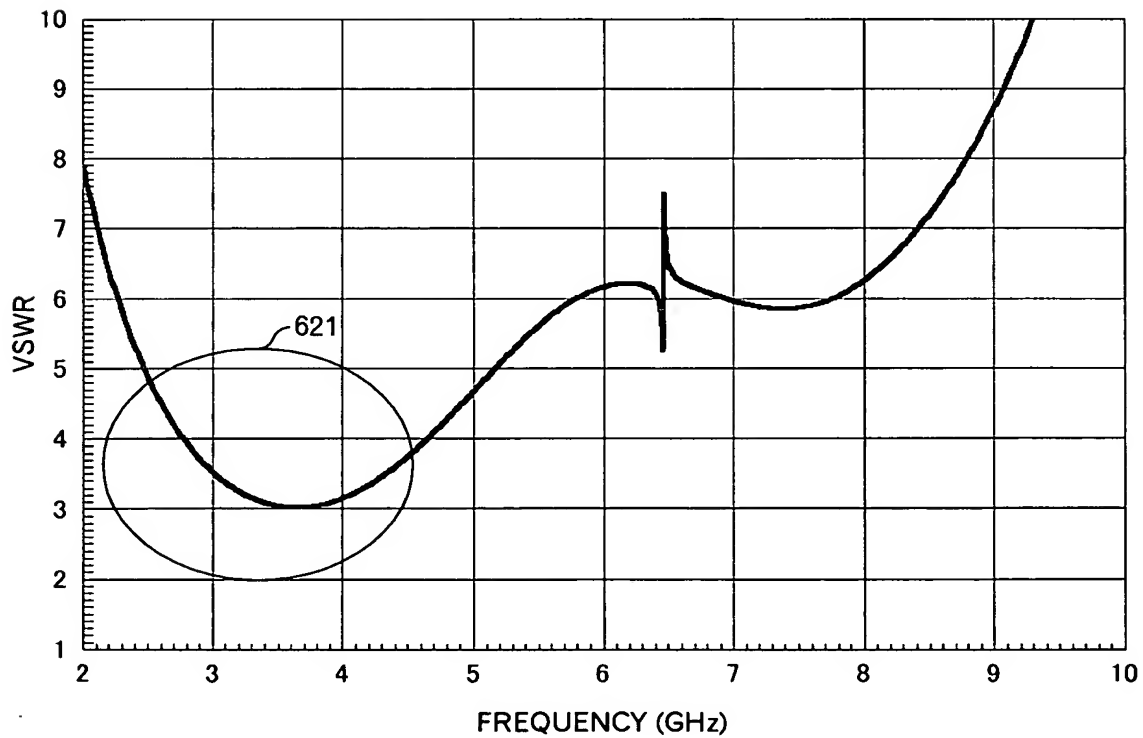


FIG.12

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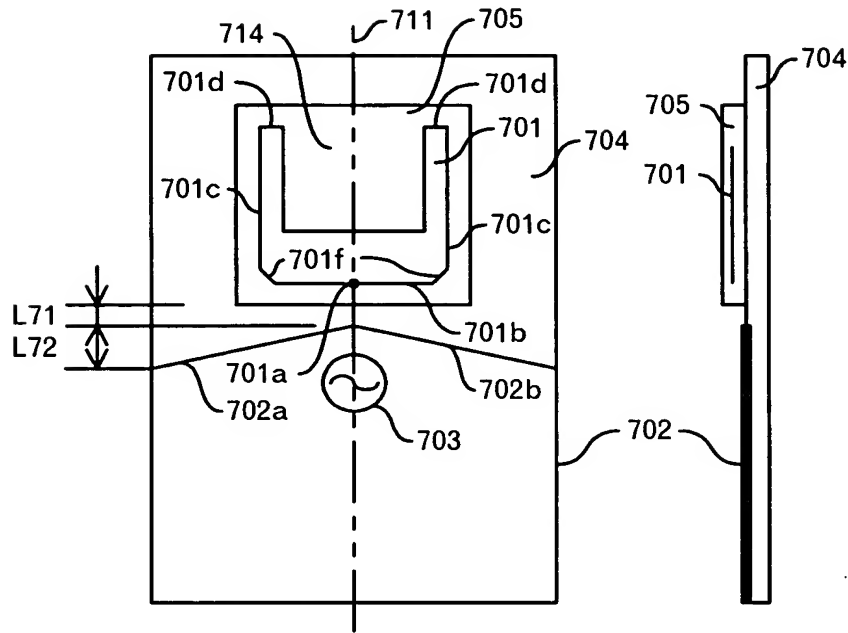


FIG.13A

FIG.13B

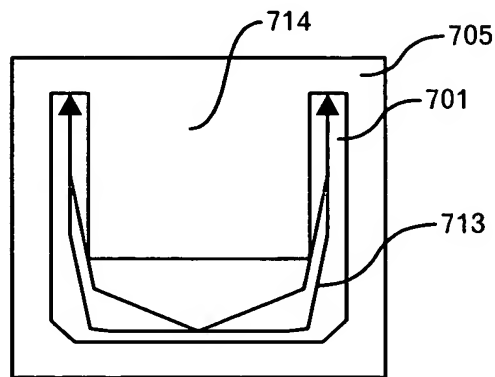


FIG.14

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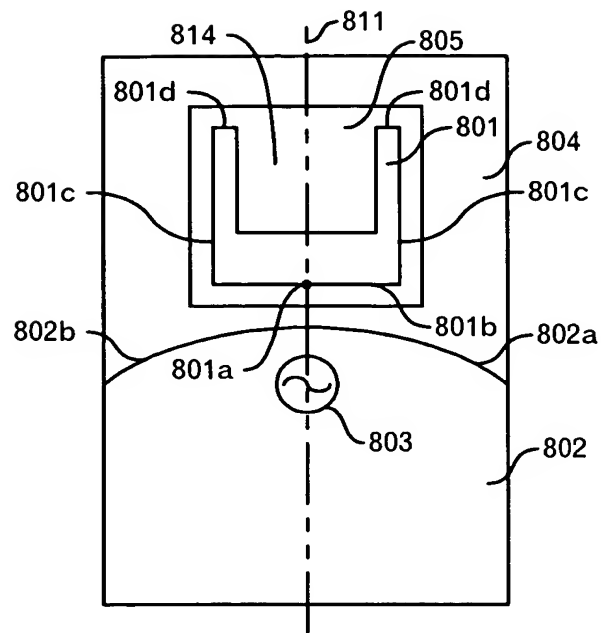


FIG. 15

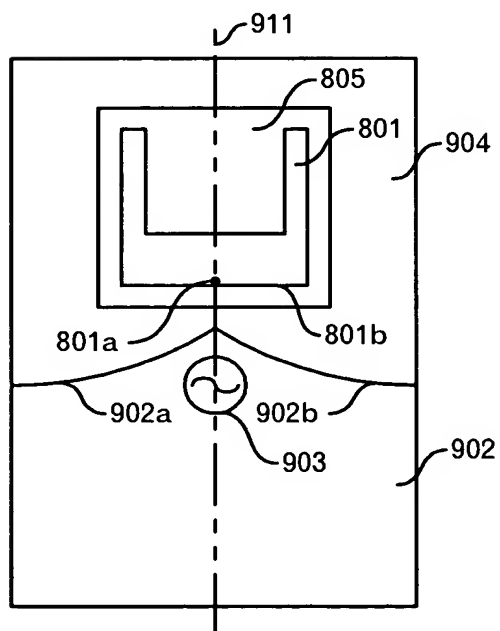


FIG. 16

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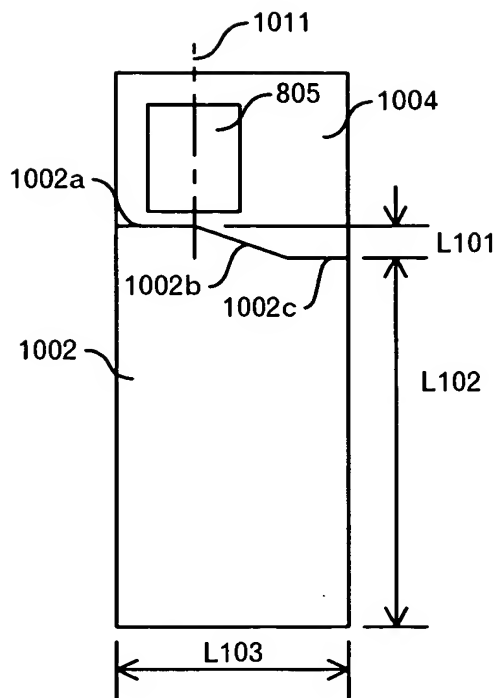


FIG. 17A

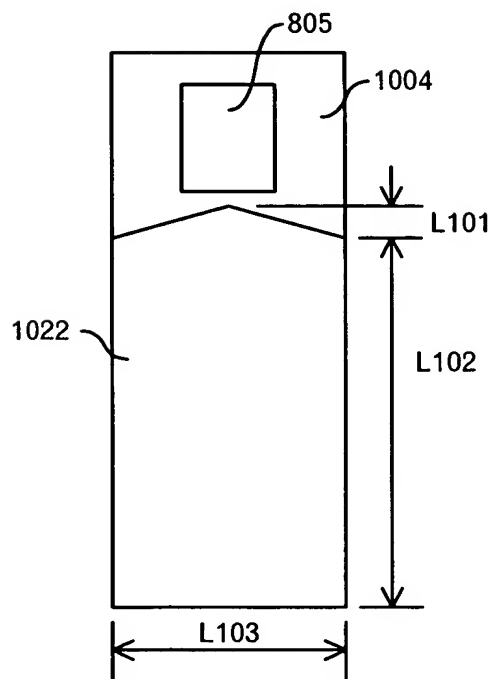


FIG. 17B

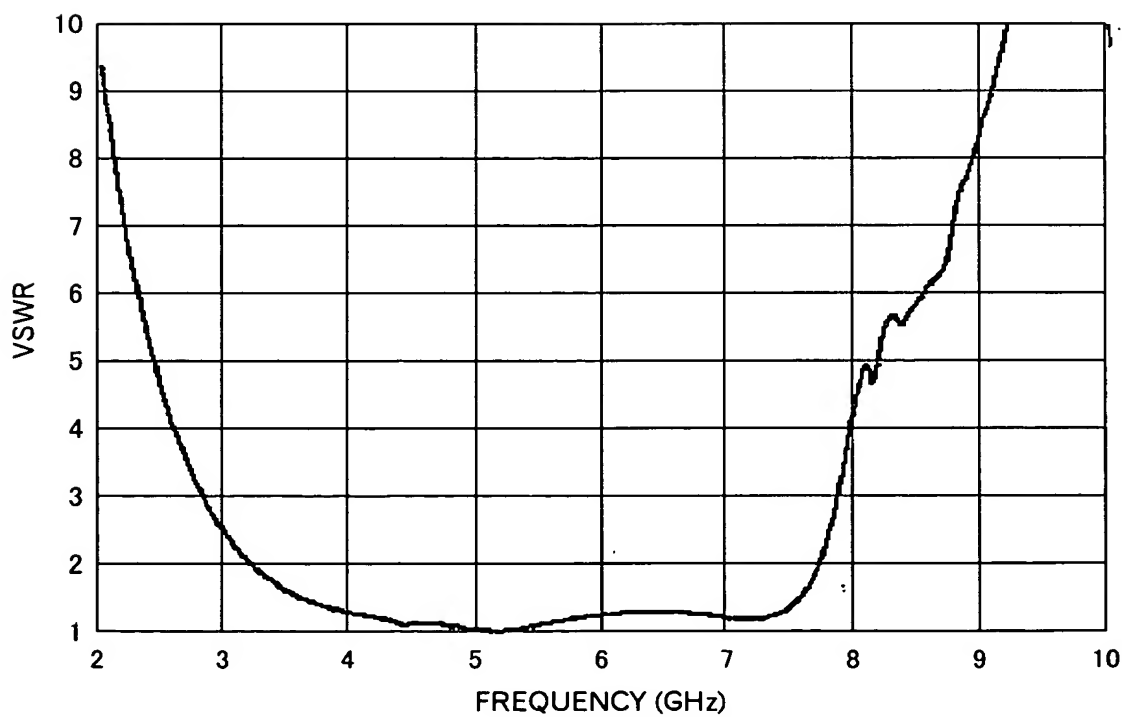


FIG. 18

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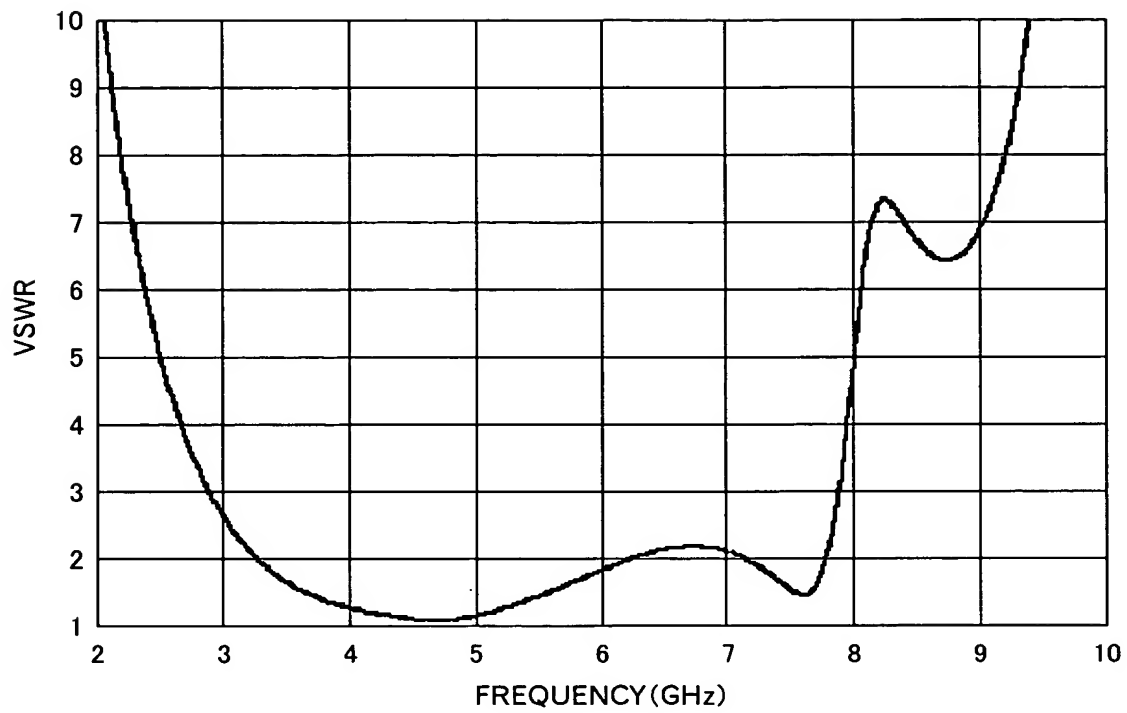


FIG.19

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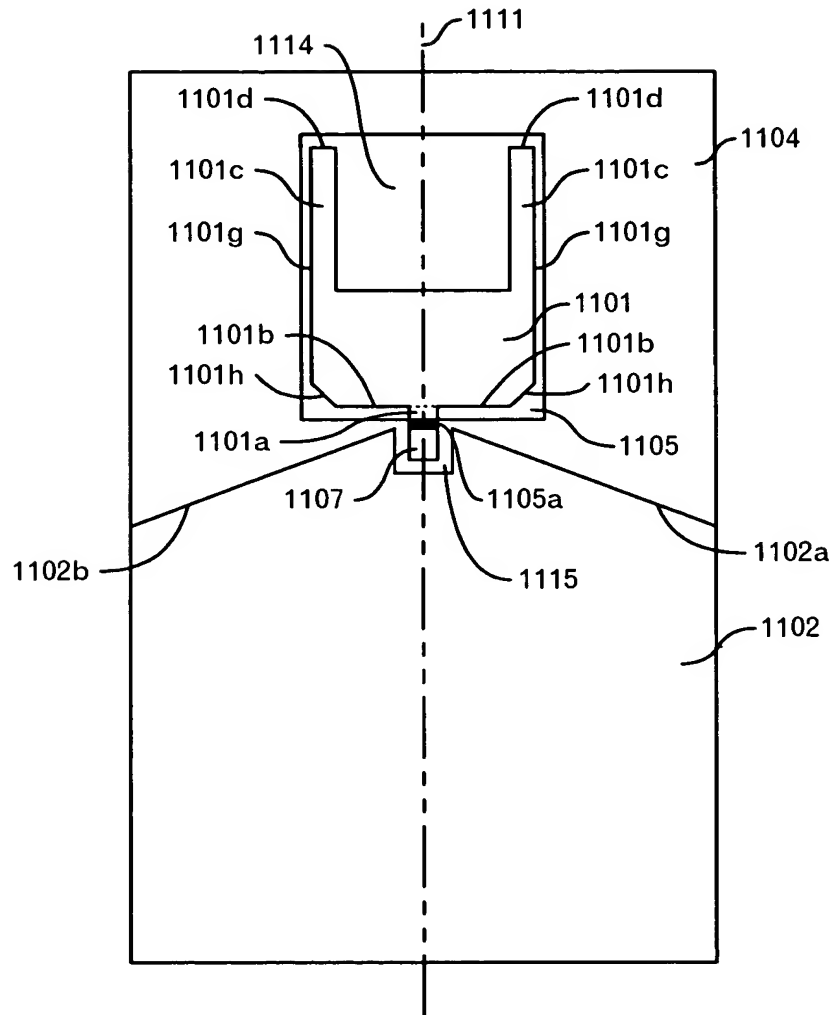


FIG.20

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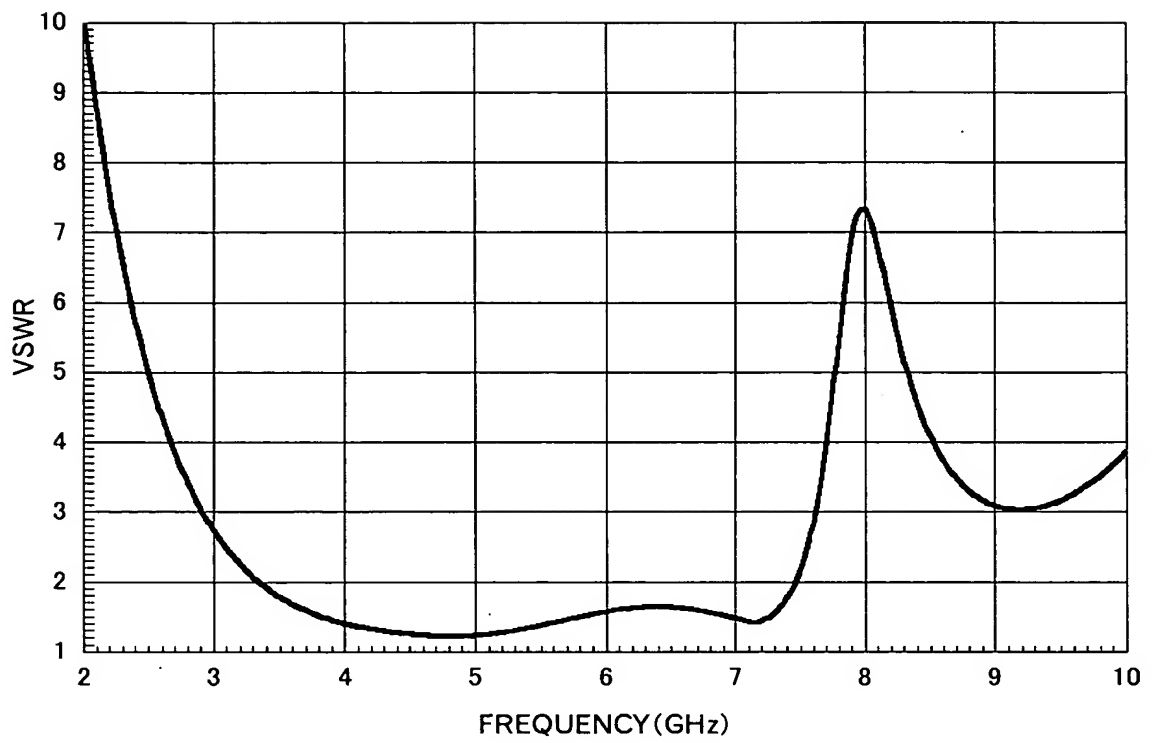


FIG.21

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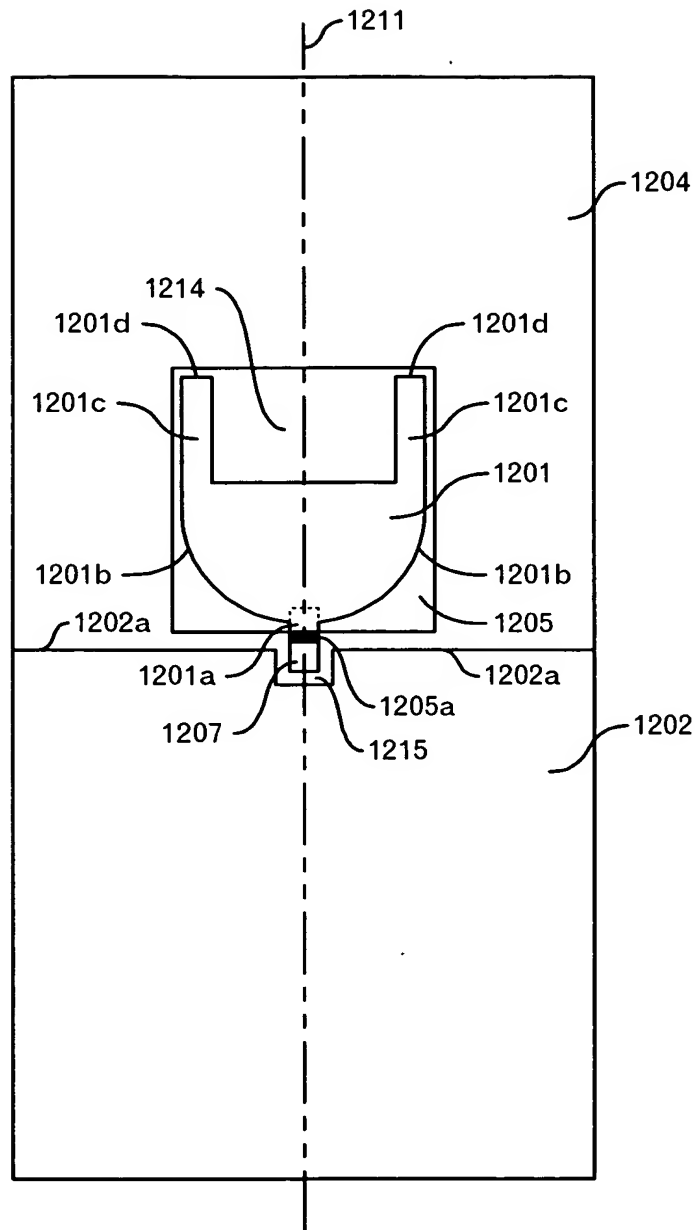


FIG.22

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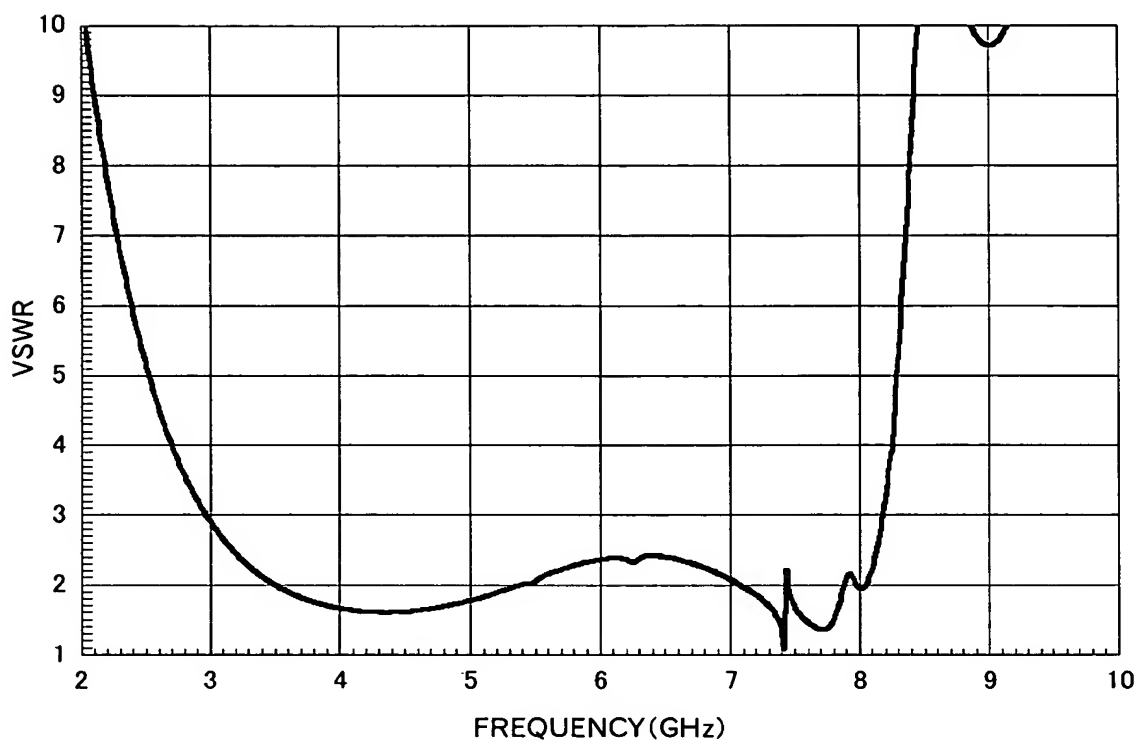


FIG. 23

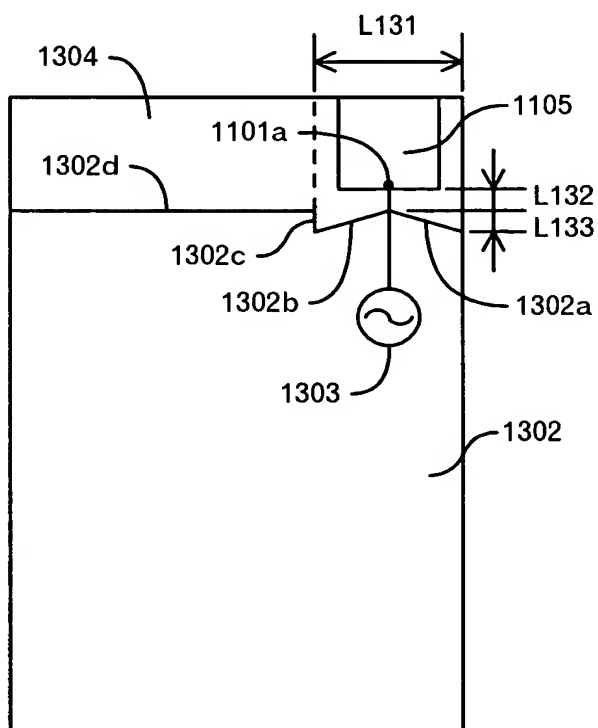


FIG. 24

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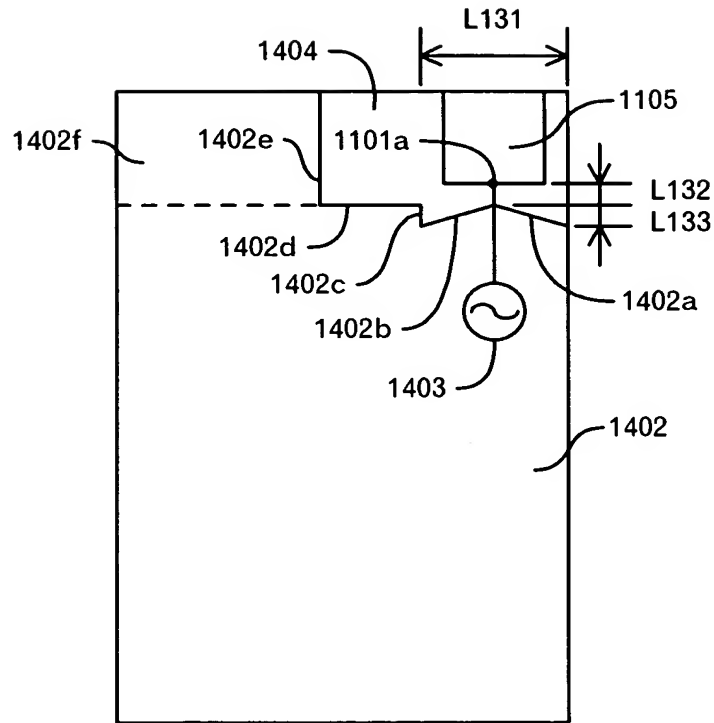


FIG.25

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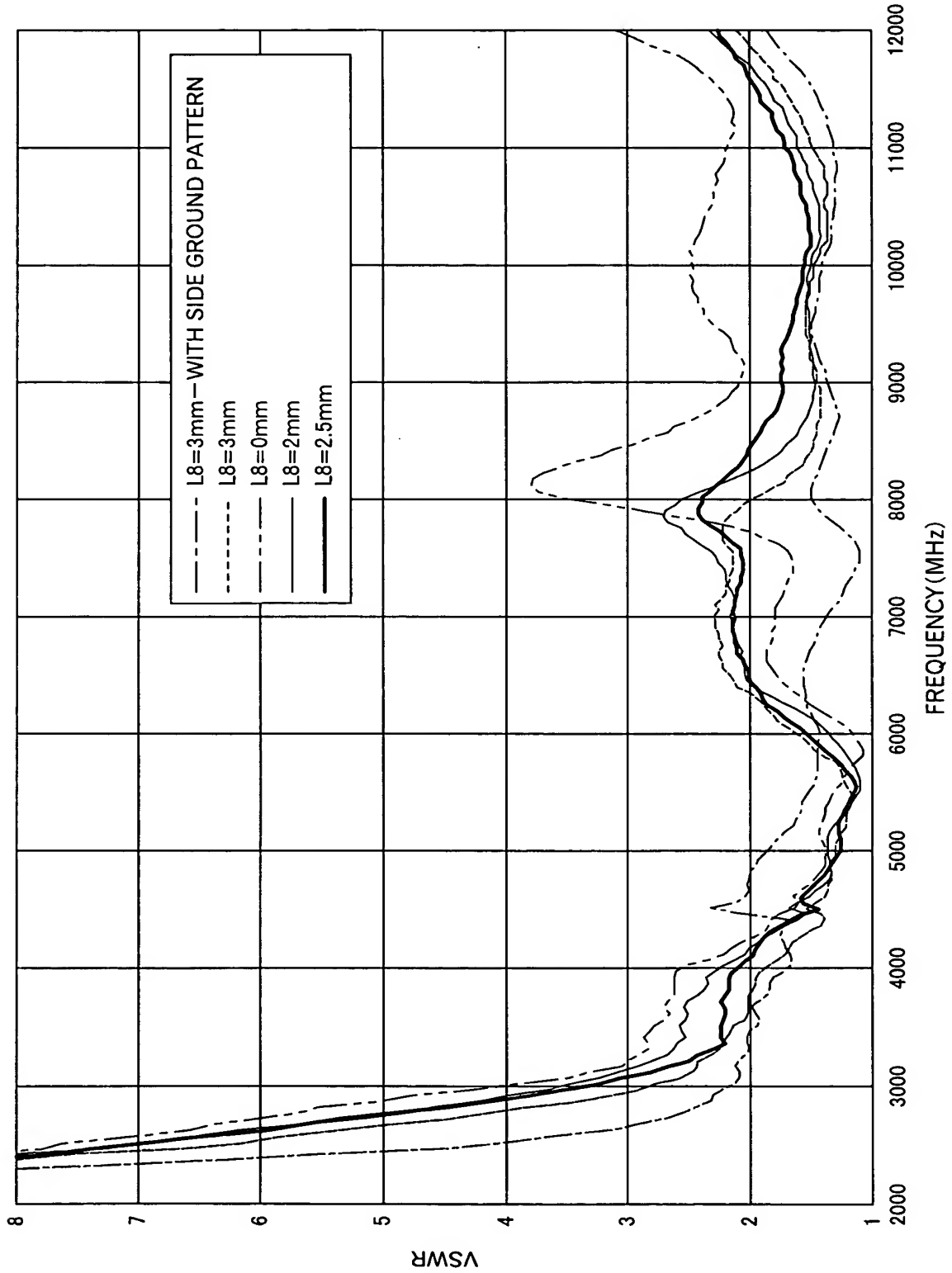


FIG.26

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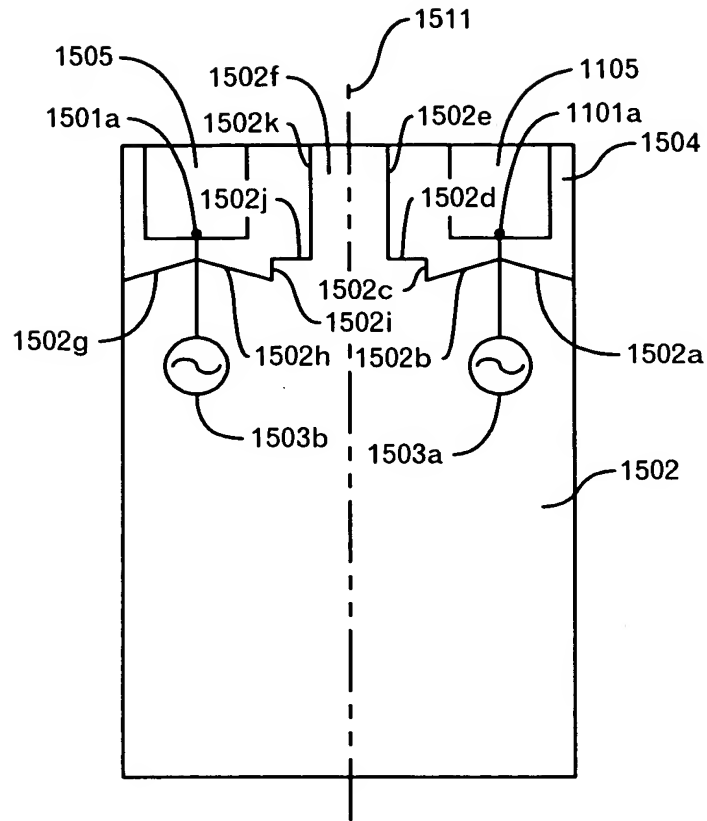


FIG. 27

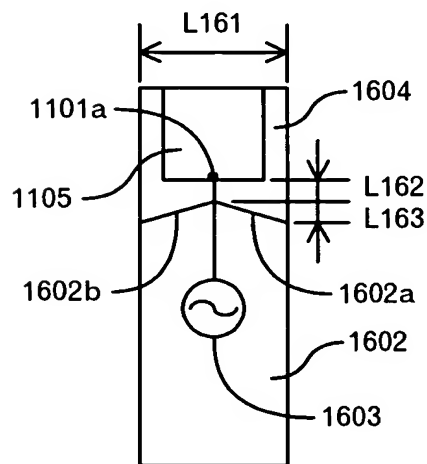


FIG. 28

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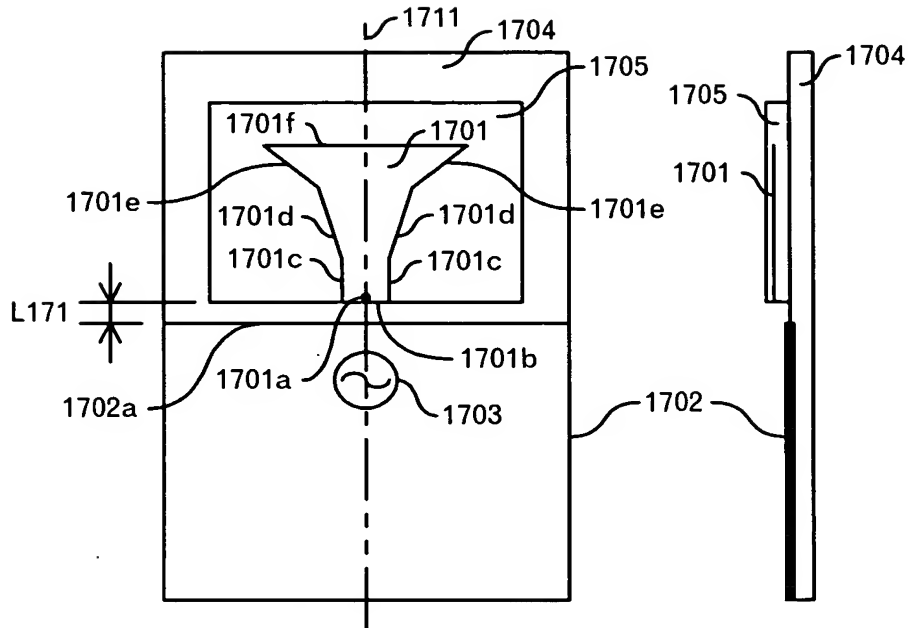


FIG. 29A

FIG. 29B

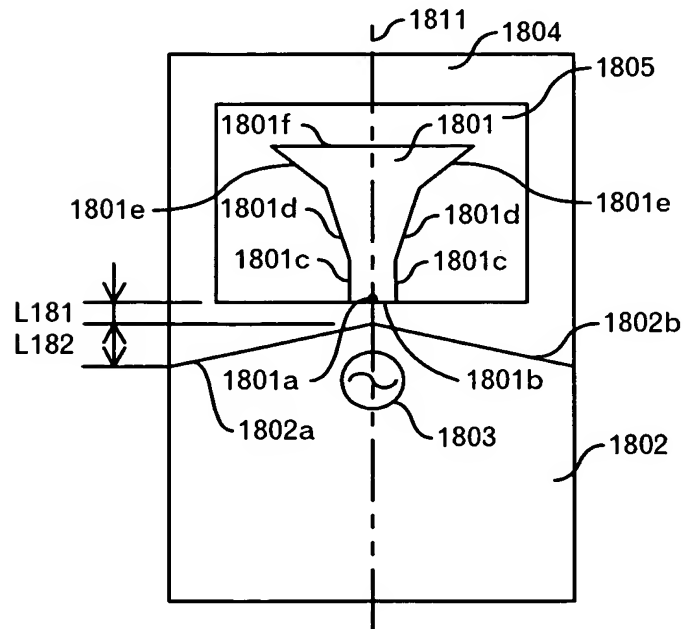


FIG. 30

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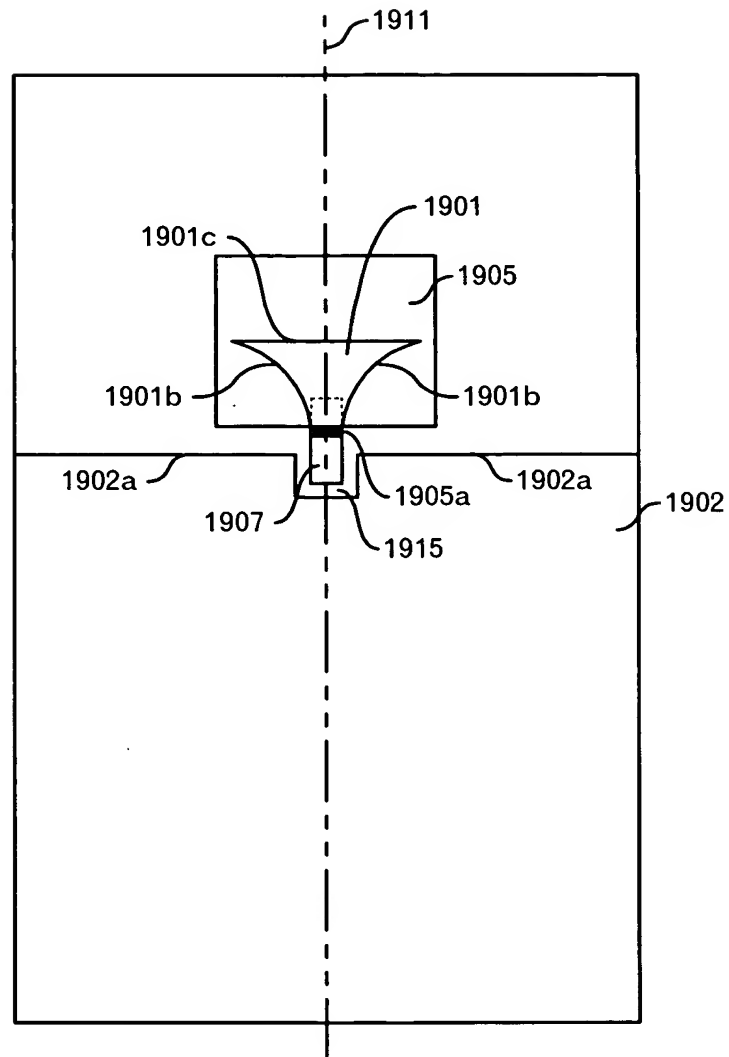


FIG.31

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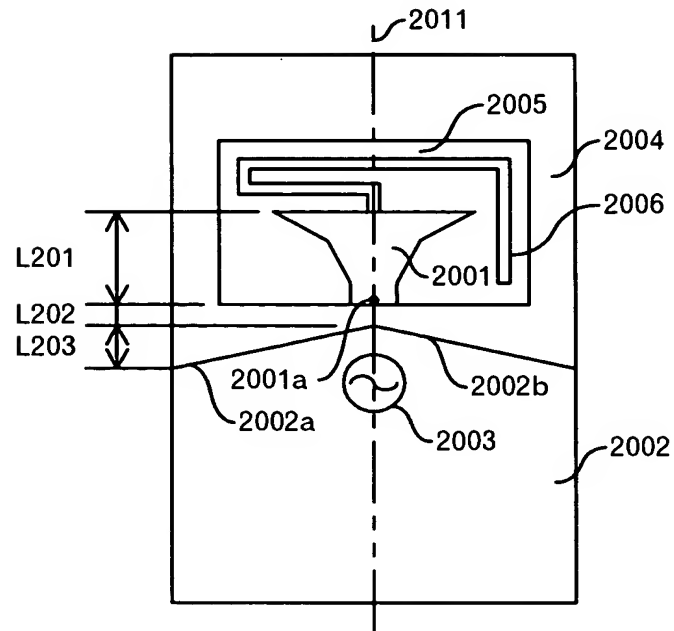


FIG. 32

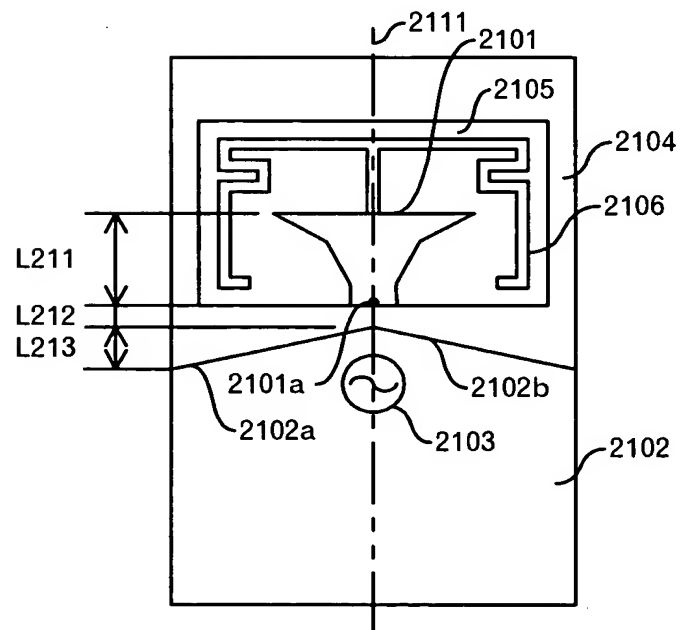


FIG. 33

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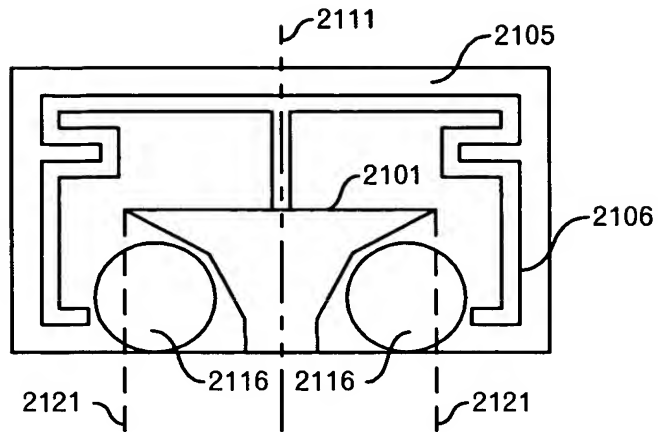


FIG.34

PLANE	POLARIZED ELECTROMAGNETIC RADIATION	FREQUENCY(GHz)		dBi
		2.45	5.4	
YZ	V	-7.1	-9.9	
	H	-2.2	-0.8	
XZ	V	0.6	-3.7	
	H	-8.2	-7.2	
XY	V	-14.5	-12.8	
	H	-2.1	-0.7	
TOTAL AVERAGE		-3.4	-3.9	

FIG.39

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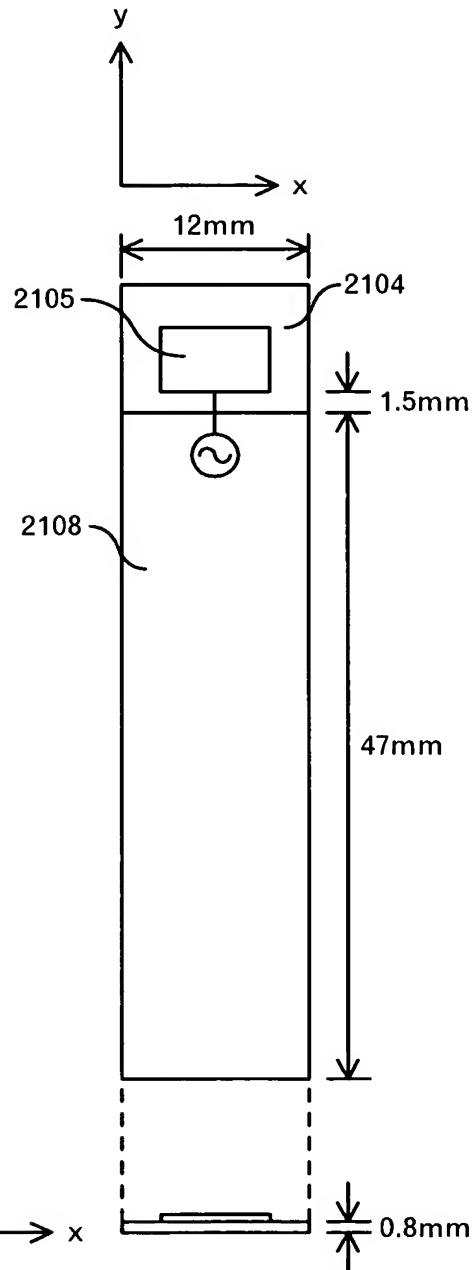


FIG.35A

FIG.35B

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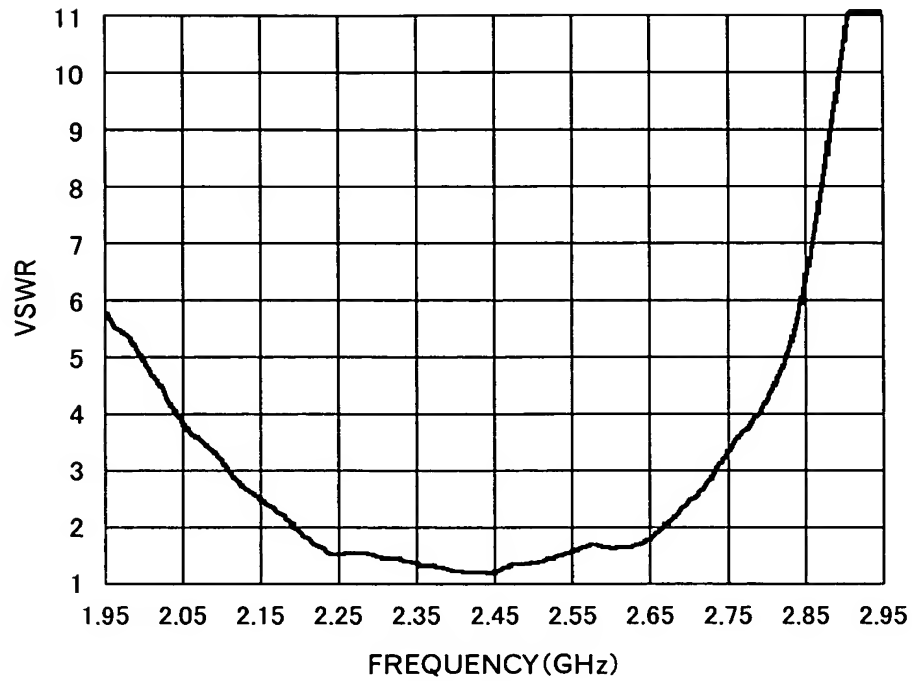


FIG.36

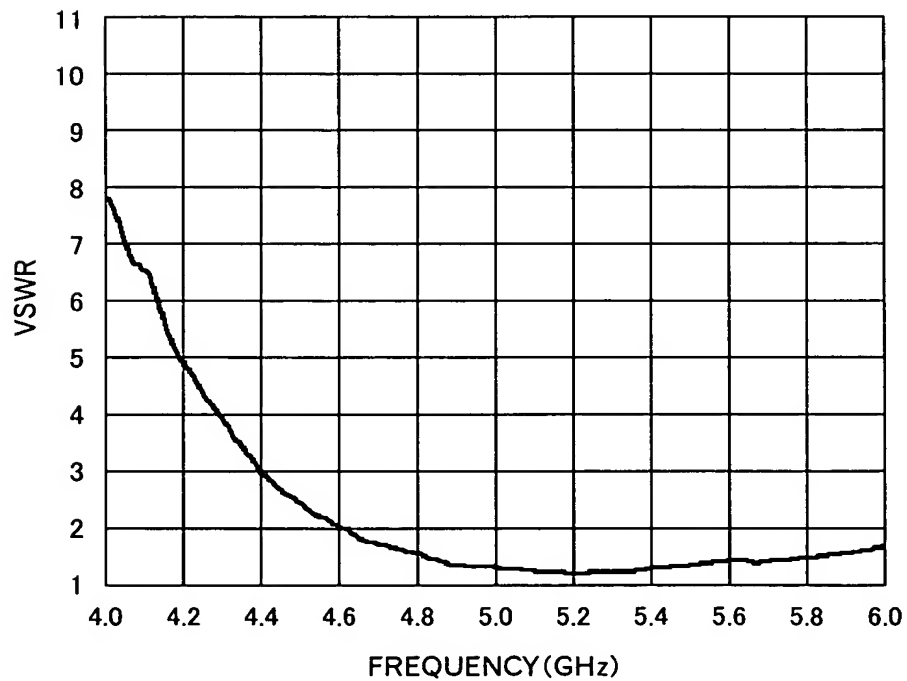


FIG.37

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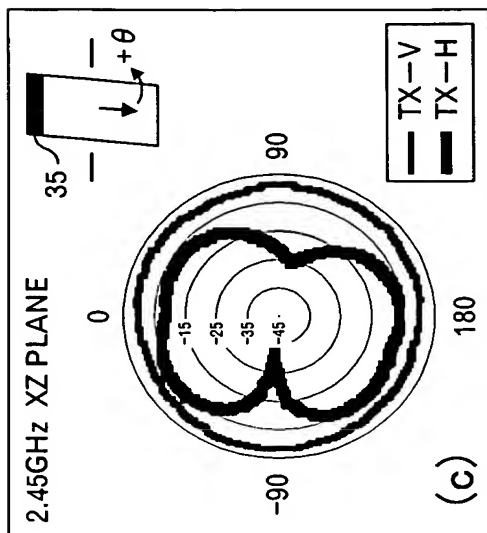


FIG.38C

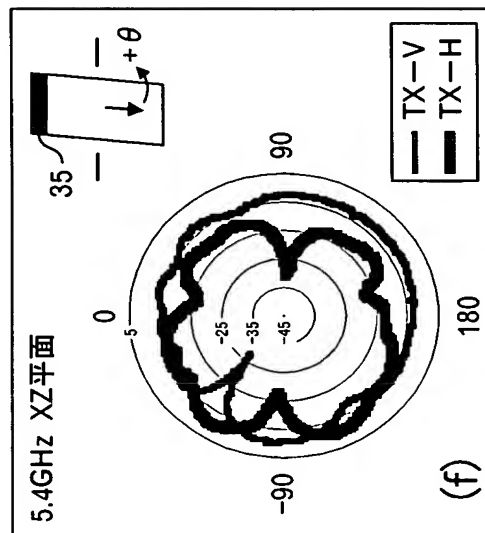


FIG.38F

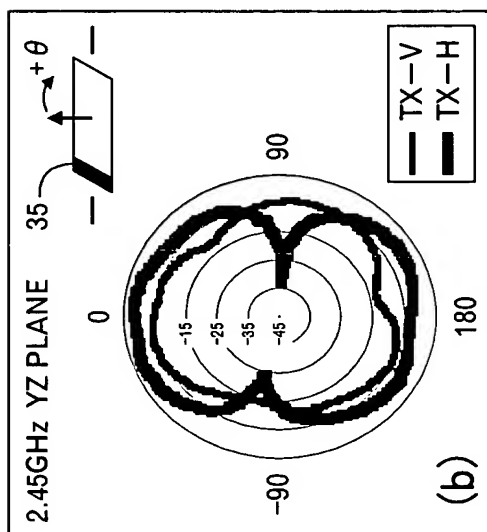


FIG.38B

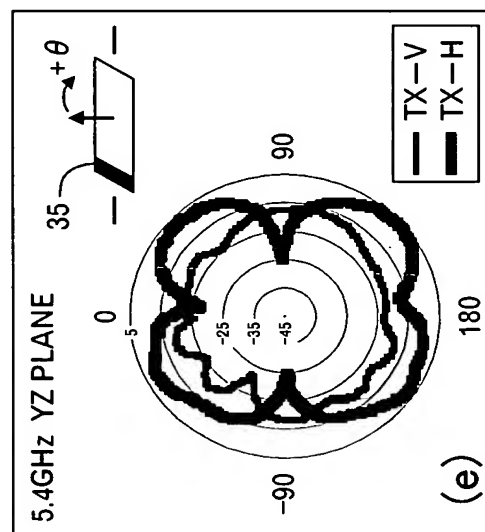


FIG.38E

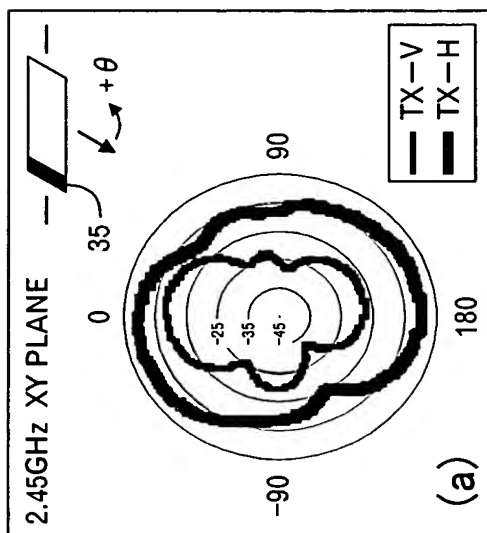


FIG.38A

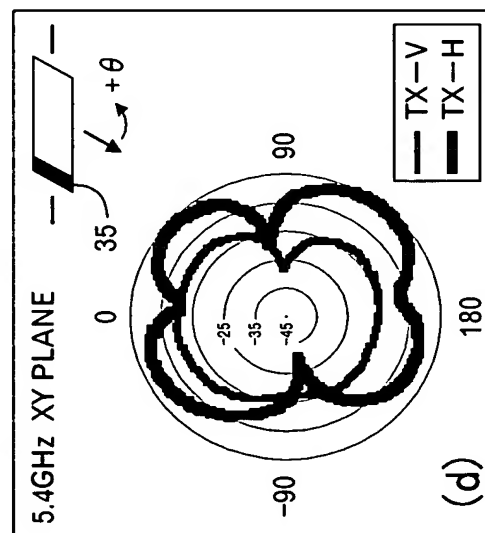


FIG.38D

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FIG.40A

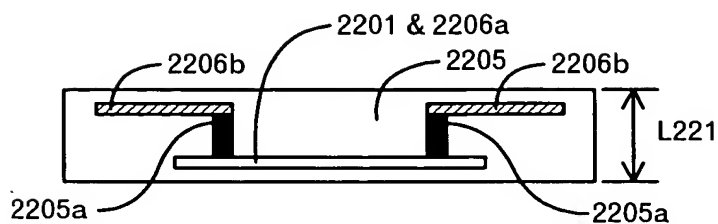


FIG.40B

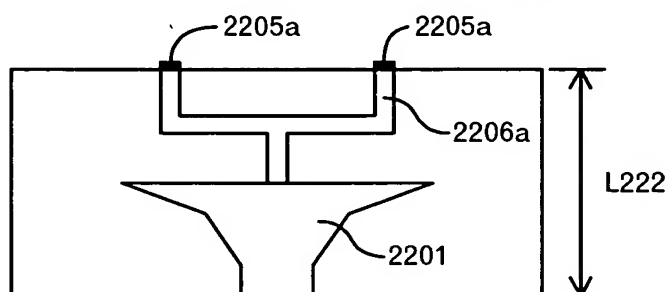
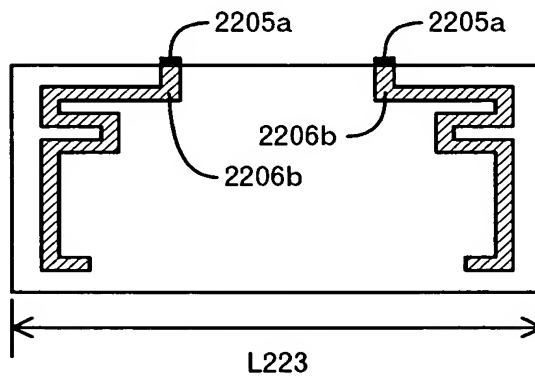


FIG.40C



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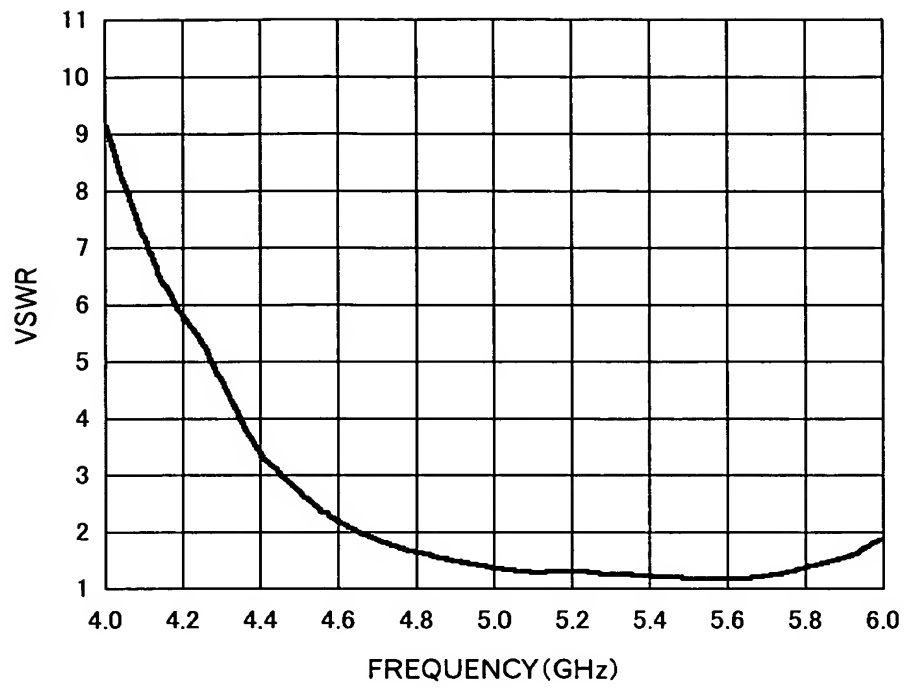


FIG.41

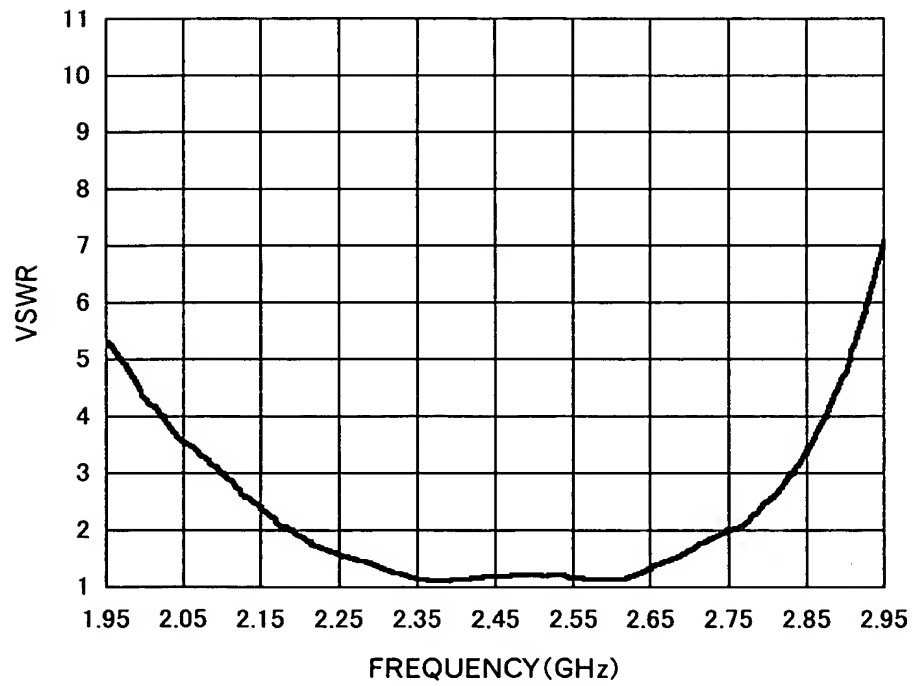


FIG.42

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FIG.43A

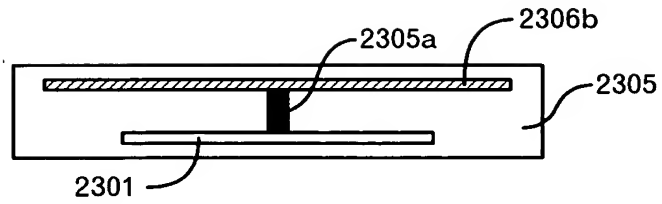


FIG.43B

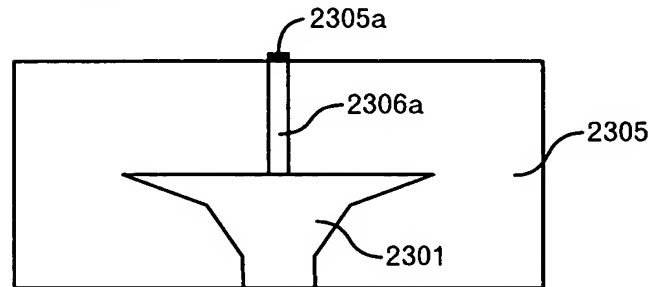
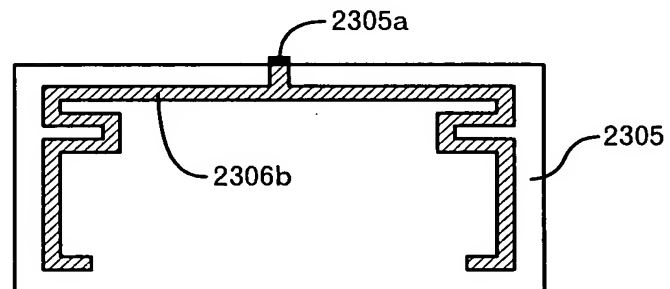


FIG.43C



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FIG.44A

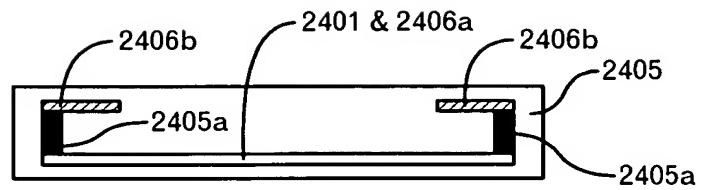


FIG.44B

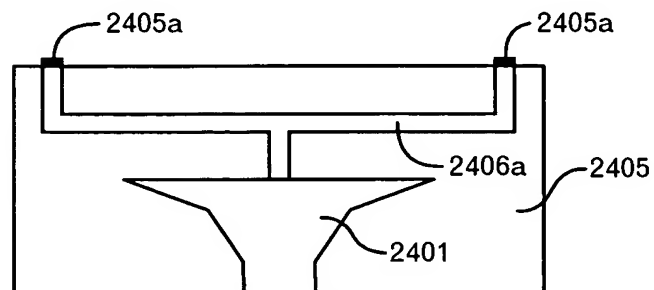
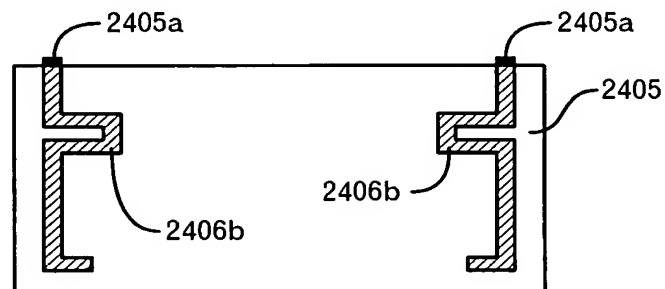


FIG.44C



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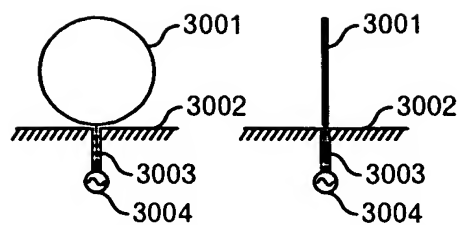


FIG. 45A FIG. 45B

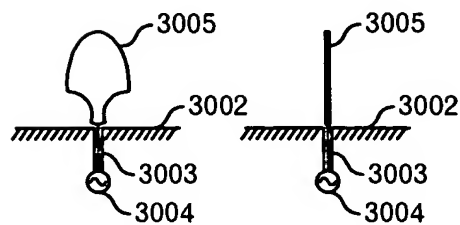


FIG. 45C FIG. 45D

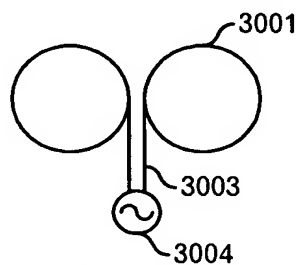


FIG. 45E

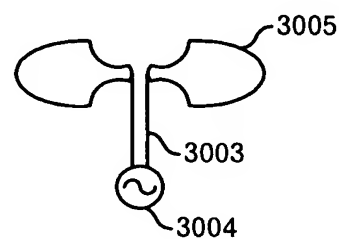


FIG. 45F

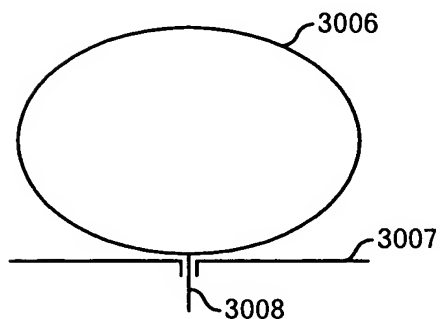


FIG. 45G

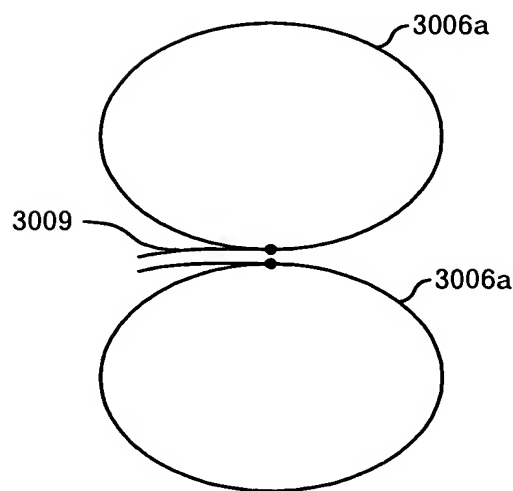


FIG. 45H

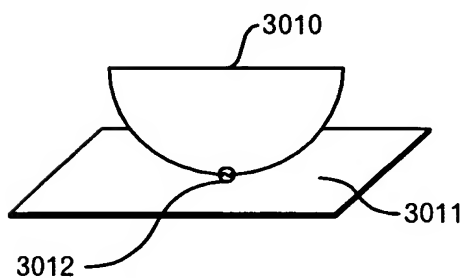


FIG. 45J

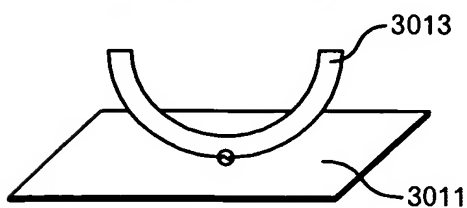


FIG. 45K

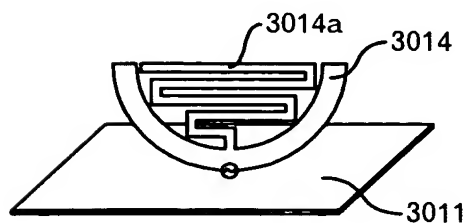


FIG. 45L

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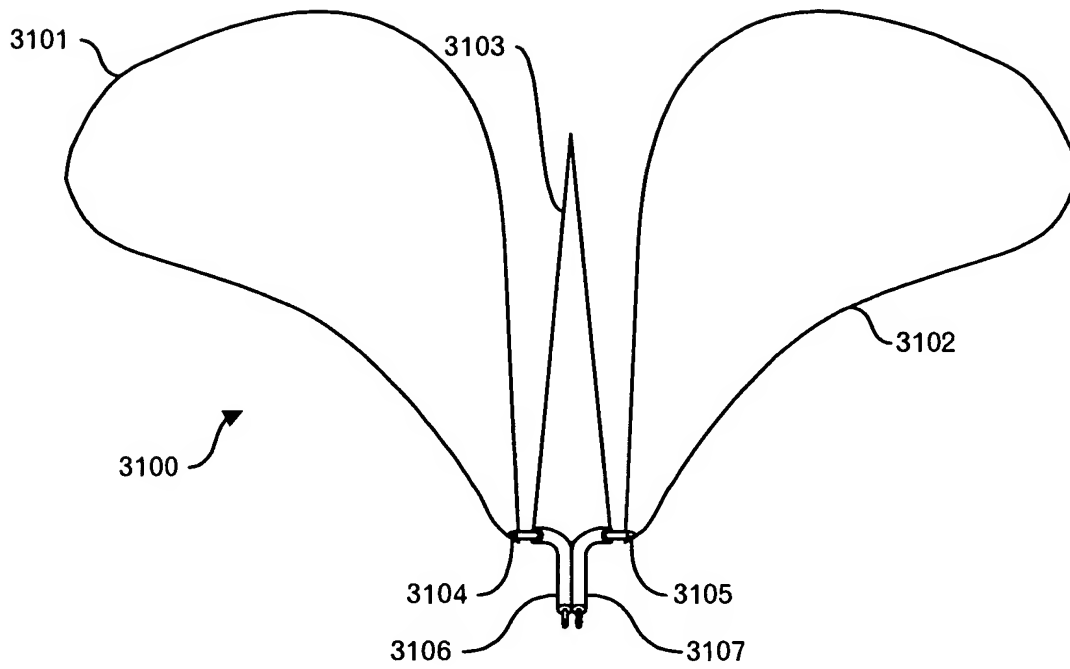


FIG. 46

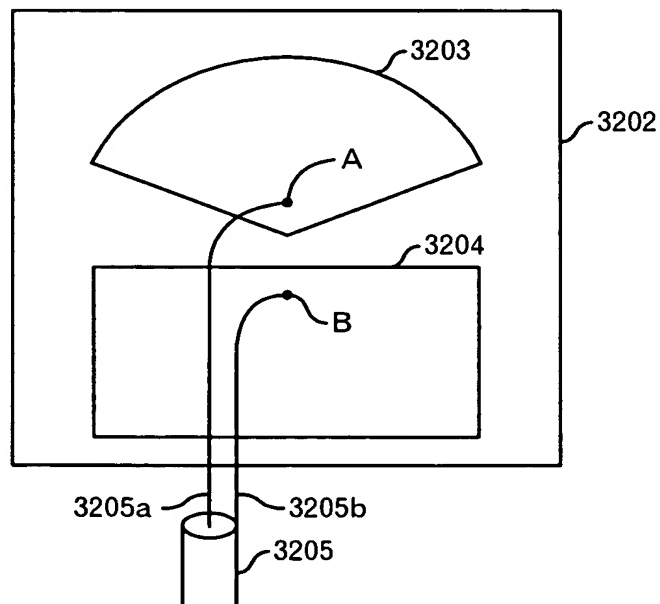


FIG. 47

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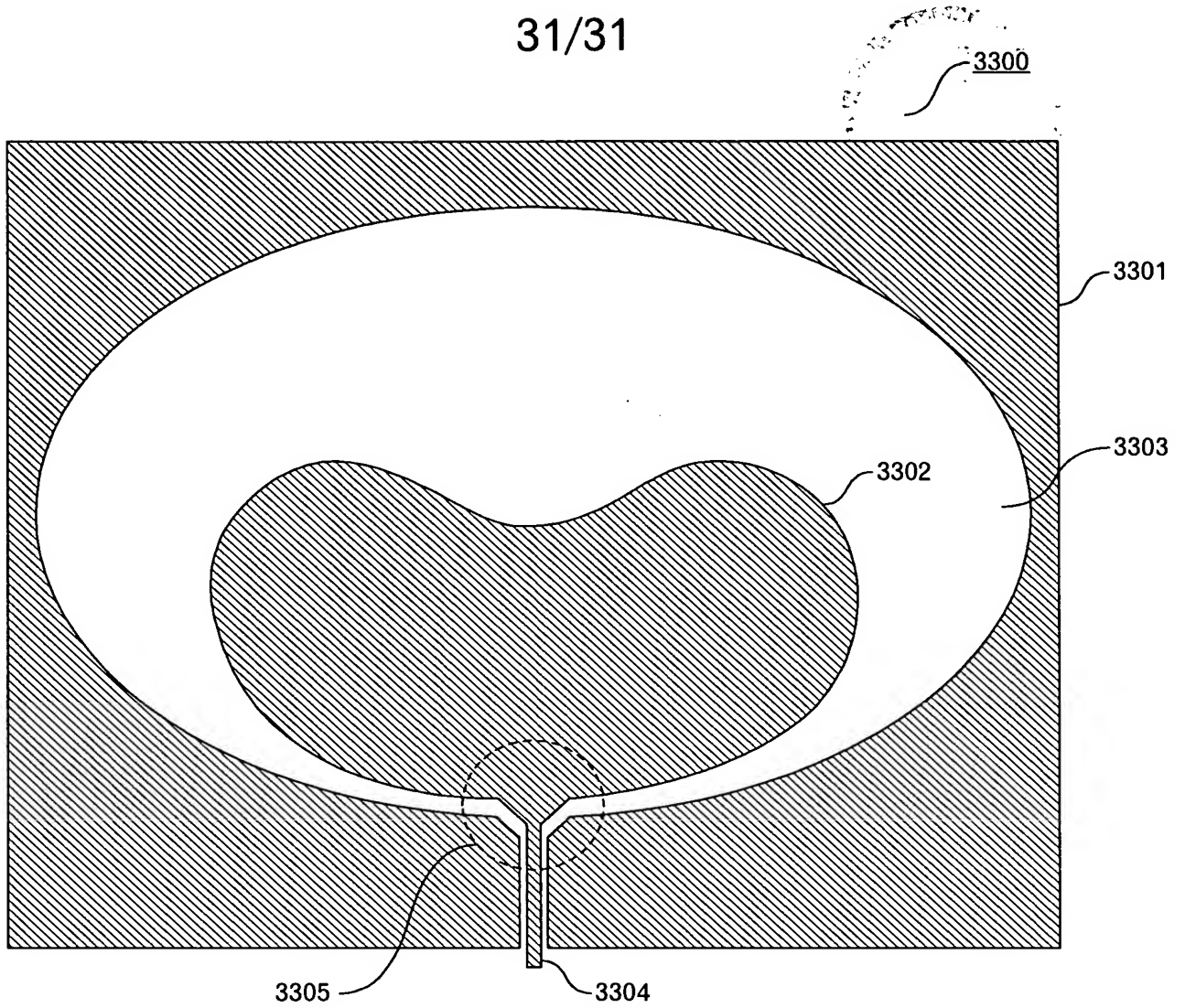


FIG. 48

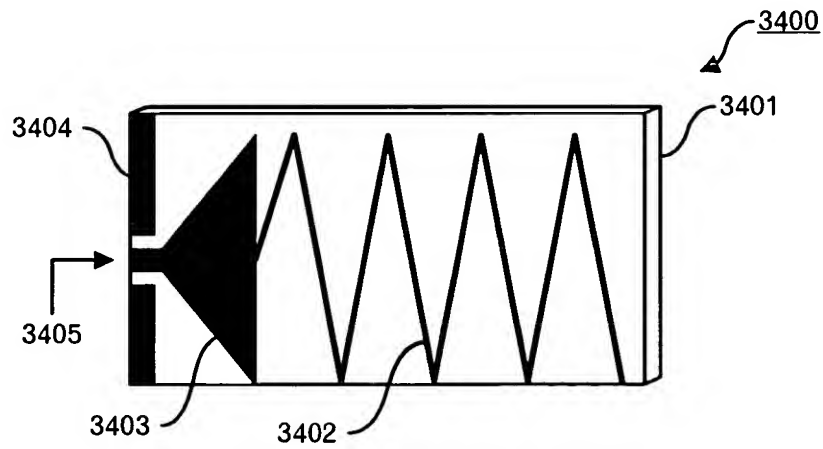


FIG. 49